WHAT IS CLAIMED IS

1. An image processing apparatus adapted to display on a display an image photographed of an operable object and another object existing in a three-dimensional space from a predetermined photographing position, comprising:

5 an external memory means which stores data of the operable object and the other object and, a predetermined program;

an input means which inputs data which alters the position of the operable object in the three-dimensional space;

an operable object position data generating means which generates operable
10 object position data so as to alter the position of the operable object in the three-dimensional space based on the data inputted by said input means;

a three-dimensional data creating means which creates three-dimensional data based on the data stored in said external memory means and the operable object position data;

15 a photographing position data generating means which generates photographing position data representative of a photographing position in the three-dimensional space for photographing the operable object;

a detecting means which detects whether or not the other object is existent between the photographing position and the operable object position;

20 a photographing position data altering means which alters the photographing position data such that the other object is not existent between the photographing position and the operable object position when said detecting means detects existence of the other object;

a display data creating means which creates display data for displaying the image
25 of the operable object photographed from a predetermined position in the three-

dimensional space based on the three-dimensional data and the photographing position data; and

an image signal generating means which outputs an image signal to said display based on the display data created by said display data creating means.

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2. A three-dimension image processing apparatus according to claim 1, wherein said detecting means includes a collision determining means which determines whether or not the operable object collides with the other object.

3. A three-dimension image processing apparatus according to claim 1 or 2, wherein said photographing position data altering means includes a moving-angle

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setting means which sets a moving angle at which the other object becomes nonexistent between the photographing position and the operable object position.